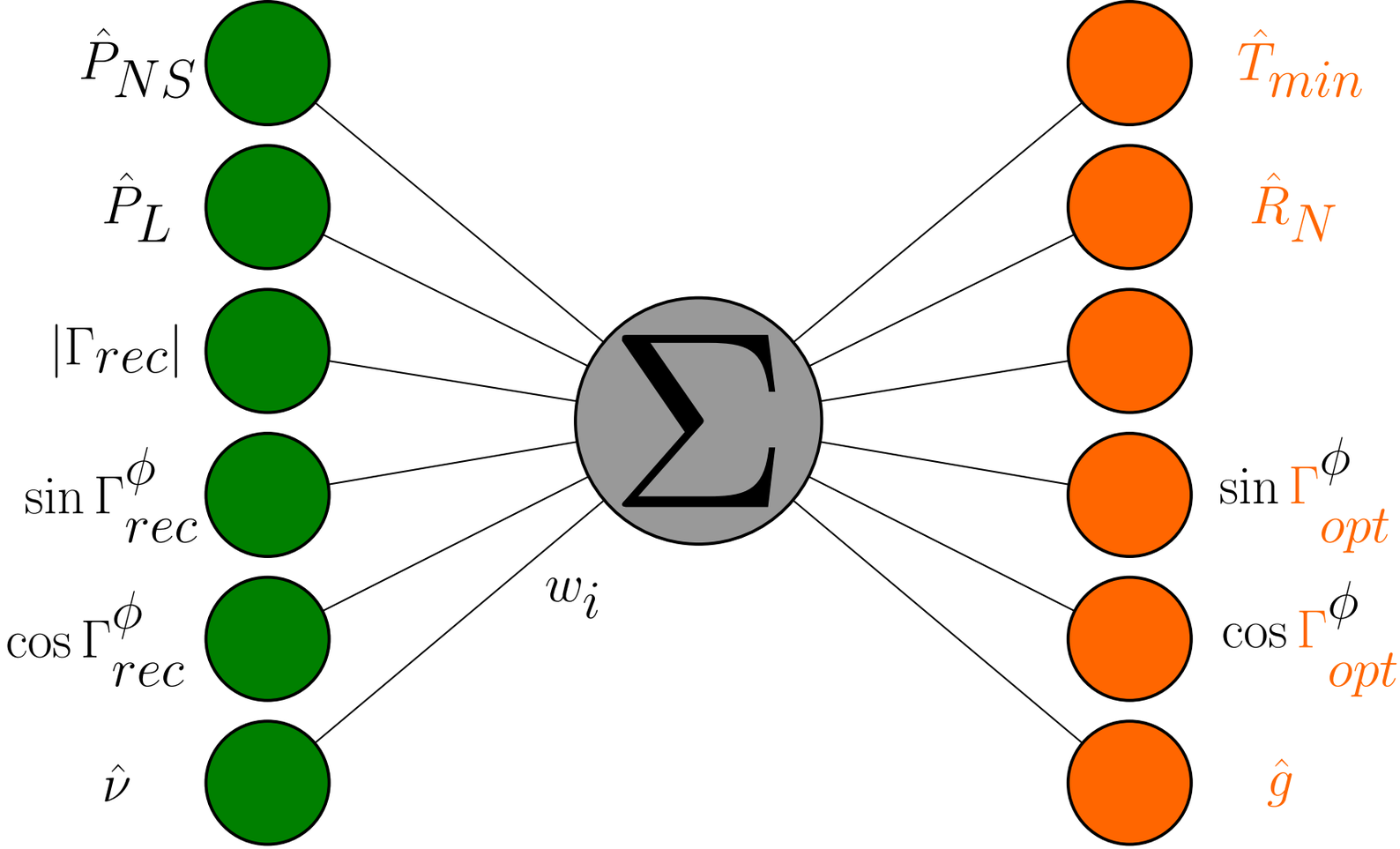
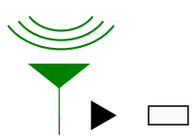
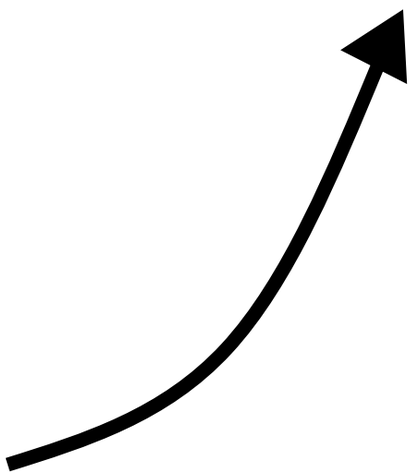


$$\mathcal{L} = \frac{1}{n}\sum_i^n \frac{1}{\mathcal{P}^{out}_{\mathrm{src}}2}\left[\mathcal{P}^{out}_{\mathrm{src}} - \mathcal{P}^{out}_{\mathrm{src}}\right]^2$$

$$\mathcal{P}^{out}_{src} = gM\left(T^{in}_{src} + T_{min} + T_0{}^{4R_N}\right.$$



$|\Gamma_{opt}|$



$$\frac{1}{Z_0}\frac{|\Gamma_{src}-\Gamma_{opt}|^2}{(1-|\Gamma_{src}|^2)|1+\Gamma_{opt}|^2}\Big)$$